

Form PTO-1449
(REV. 8-83)US Dept. of Commerce
PATENT & TRADEMARK OFFICEATTY DOCKET NO.
117072APPLICATION NO.
New U.S. Patent Application

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANTS
Yoichiro SHIMIZU et al.FILING DATE
October 29, 2003

10/694,797

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
LKB	1	JP A 11-129489 w/abstr. + trans.	05/18/1999	Japan	1	1
	2	JP A 7-17056 w/abstr. + trans.	01/20/1995	Japan	1	1
	3	JP A 7-89086 w/abstr. + trans.	04/04/1995	Japan	1	1
	4	JP B2 3-61592 w/abstr	09/20/1991	Japan	1	1

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER

L.K. Bai

DATE CONSIDERED

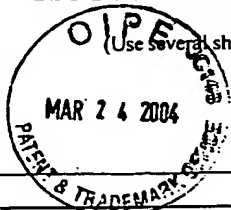
8/19/05

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
LWB	1	5,980,033	11/9/1999	Fumiharu Nakamura		

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
LWB	2	JP A 61-141560 w/Eng Abstr	6/28/1986	Japan		
1	3	WO 03/016198 A1	2/27/2003	WIPO		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

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Date: March 24, 2003